

Abstract of the Disclosure

A flywheel (1) for an internal combustion engine is provided for generating a cooling air flow and is especially for a two-stroke engine on a portable handheld work apparatus such as a motor-driven chain saw, cutoff machine or the like. The flywheel (1) carries a parallelopipedly-shaped permanent magnet (5) for a magnetic ignition system. The permanent magnet has a short edge (6), a center edge (7) and a long edge (8). The permanent magnet (5) is polarized in the direction of the short edge (6). To provide a high moment of inertia of the flywheel (1) while achieving a low weight, the short edge of the permanent magnet (5) runs tangentially to the peripheral direction of the flywheel (1) and that the long edge (8) of the permanent magnet (5) is aligned parallel to the rotational axis (11) of the flywheel (1).